Joint

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS AND APPARATUS FOR REPRESENTING RESOURCES IN A COMPUTING SYSTEM ENVIRONMENT

the spe	ecification of which (check one)									
[X]	is attached hereto.										
[]	was filed on as United States Application Serial No.:										
	and was amended	on	(if applicable).							
specific	I hereby state that cation, including the	I have review claims, as an	ed and nended	understand the by any amendi	contents of ment referred	the abo	ove-ide ove.	entif	ied		
patenta	I acknowledge the ability as defined in 3	duty to disclo 37 C.F.R. 1.56	se infor 3.	mation which is	s known by m	ne to be	e mate	erial	to		
	I hereby claim fore ation(s) for patent or ated at least one co ed below, by checki nternational applicati	inventor's ce	rtificate	or 365(a) of an	y PCT intern f America lis	ationai ted hel	applic ow an	atio d ha	n wn	ion Iso	any med:
			Prior Foreign Application(s)			Priority Not Claimed		Certified Copy Filed? YES NO			
(Numb	per)	(Country)	<u>-</u>	(Day/Month/Y	ear filed)	_ []	[]	-]
(Numb	per)	(Country)		(Day/Month/Y	ear filed)	_ []	[]	[]
(Numi	oer)	(Country)		(Day/Month/Y	ear filed)	_ []	[]	[]
here below	by claim the benefit	under 35 U.S	.C. 119	(e) of any Unite	ed States pro	visiona	I appli	catio	on(s)	liste	e d
(Appli	cation Number)			(Filit	ng Date)	<u> </u>		<u></u>	· <u>·</u>		
(Appli	cation Number)			(Fili	ng Date)			_		-	

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filling date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No.)	(Filing date)	(Status: patented, pending, abandoned)
		() Management of the proposition this

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Barry W. Chapin, Esq. David E. Huang, Esq.

Reg. No. 39,934 Reg. No. 39,229

of Chapin & Huang, L.L.C., Westborough Office Park, 1700 West Park Drive, Westborough, Massachusetts 01581 and

John M. Gunther, Reg. No. 26,175 Leanne J. Fitzgerald, Reg. No. 40,606 William R. Clark, Reg. No. 29,523 Krishnendu Gupta, Reg. No. 37,977 Robert Kevin Perkins, Reg. No. 36,634 Robert L. Dulaney, Reg. No. 28,071 Christopher K. Gagne, Reg. No. 36,142 Penelope S. Wilson, Reg. No. 29,751

of EMC Corporation, 35 Parkwood Drive, Hopkinton, Massachusetts 01748.

I also hereby grant additional Powers of Attorney to all of the above-identified attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.

Please send correspondence to: Barry W. Chapin, Esq.	
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Direct facsimiles to: Barry W. Chapin	1 GOORING TVOI. TOTAL TITLE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole		
or first inventor	Morrie Gasser	0/28/01
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Full name of second	joint				
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